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68/F

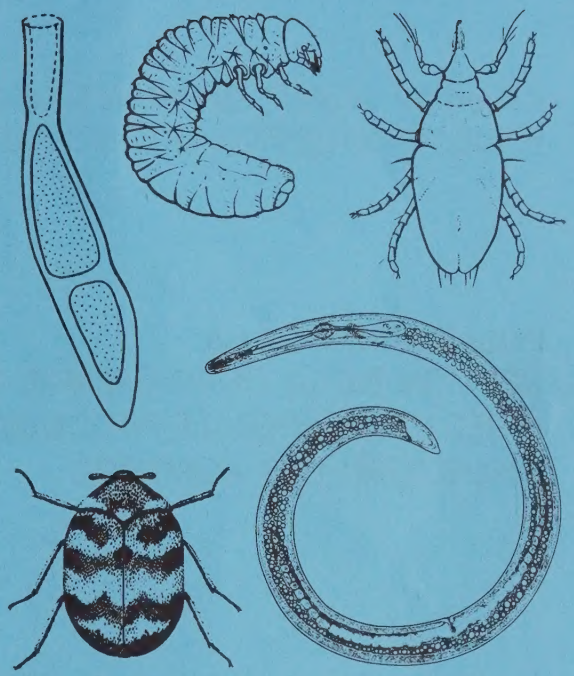
INTERCEPTED PLANT PESTS

CANADIAN PLANT QUARANTINE

1978-1979

RAVAGEURS INTERCEPTÉS

QUARANTAINE DES PLANTES AU CANADA



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DIRECTION GÉNÉRALE PRODUCTION ET
INSPECTION DES ALIMENTS

Agriculture
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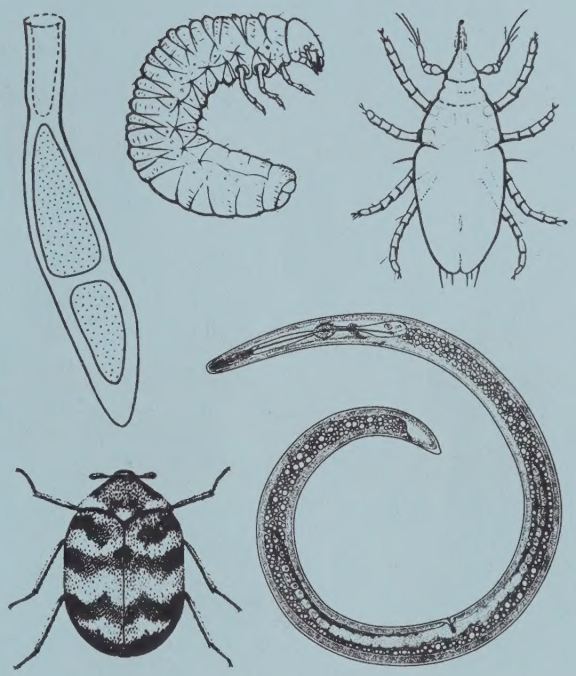
INTERCEPTED PLANT PESTS 1979-1980

CANADIAN PLANT QUARANTINE



RAVAGEURS INTERCEPTÉS en 1979-1980

PROTECTION DES PLANTES AU CANADA

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AGRICULTURE CANADA

Food Production & Inspection Branch Plant Quarantine Section

LIST OF INTERCEPTED PLANT PESTS

April 1st 1978 - March 31st, 1979

INTRODUCTION

This report summarizes the import interception records of the Plant Quarantine Section for the period April 1st, 1978 to March 31st, 1979, and includes plant pests found on, or associated with, plants and plant products, baggage, cargo, mail, and carriers entering Canada. Pest records concerning pre-shipment inspection of flowering bulbs in the Netherlands, the Canadian Nursery Survey, Canadian Export Certification, and various domestic surveys may be found in other reports.

Pests are recorded under three categories: Entomology, which includes insects, mites and mollusks; Pathology which includes bacteria, fungi and viruses and Nematology. Imports are classified as propagation or consumption, according to their obvious or intended use. The heading Host (or carrier) is used because the plants with which the pest was associated may not necessarily be the host plants, and soil or other materials associated with plants at the time of interception may also carry pests. The term "Soil" is used only when no recognizable plant or plant material could be associated with the Medium in which a pest was found.

The mode of transport for each pest is indicated by code letters under the column Carried in. Five categories are used:

APB - Air passengers baggage;
B - Baggage;
C - Cargo;
M - Mail;
NE - Non-entry;

Non-entry refers to the interception of a pest in the interior of a carrier or on a plant or product within the carrier not intended to be moved into Canada. Nevertheless, the risk of pest entry existed since the carrier was on Canadian soil or in Canadian waters at the time of inspection.

Both the Host and Origin lists refer only to the name of the pest organism. The most complete information is available in the Pest list. The lists include pests which are condidered to be of plant quarantine interest and some which may be of interest because they are new interceptions from the country of origin, new to the host plant or are of limited distribution in Canada. Certain pests have been arbitrarily included where there is insufficient information regarding their significance and/or distribution in Canada. A large number of the more common intercepted insects, mites, mollusca, fungi, bacteria and nematodes were not included, but information on these as well as more detailed information on those included is on file and may be obtained by contacting the Director, Plant Products and Quarantine Division, Ottawa.

The majority of pest identifications were done by personnel within the Biological Programs Unit of the Plant Quarantine Section. Virus indexing was carried out at the Sidney Post-entry Quarantine Station, Sidney, B.C. When necessary, identifications were done, or were verified, by specialists in the Research Branch, Canada Agriculture. Mollusca were identified by personnel at the Canadian National Museum. At certain ports-of-entry, inspectors are qualified to make identifications of specific pests because of frequent interceptions of the pest from the same geographical area. These port identifications are monitored by specialists. The scientific names in the lists are those provided by the specialist at the time the identifications were made. The identity of many pests were incompletely determined, but those which may be of significance are included in the list.

Dorothy M. Laidlaw - Pathology
Joan M. Scott - Nematology
A.E. Tymchak - Entomology

Biological Programs
Plant Quarantine Section

July 1980

MINISTERE DE L'AGRICULTURE DU CANADA

Direction générale
Production et inspection des aliments

Section de la quarantaine
des plantes

LISTE DES PHYTORAVAGEURS INTERCEPTES

1er avril 1978 - 31 mars 1979

INTRODUCTION

Le présent rapport constitue un résumé des interceptions effectuées à l'importation par la Section de la quarantaine des plantes durant la période allant du 1er avril 1978 au 31 mars 1979. Il porte sur les phytoparasites trouvés en relation directe ou indirecte avec les plantes et les produits végétaux, les bagages, les marchandises, le courrier et les transporteurs qui entrent au Canada. Les répertoires les ravageurs interceptés lors de l'inspection préalable à l'envoi des bulbes àfleurs aux Pays-Bas, de même que les relevés réalisés dans le cadre de l'Enquête nationale sur les pépinières, du programme de certification des exportations canadiennes et de différentes enquêtes faites au pays, peuvent se trouver dans d'autres rapports couvrant ces activités.

Les ravageurs sont répartis en trois catégories: Entomology (insectes, acariens et mullusques); Pathology (bactéries,champignons et virus et Nematology. Les importations se divisent en deux colonnes: Propagation et Consumption, selon leur usage évident ou prévu. On utilisera le titre Host (or carrier) parce que dans bien des cas les plantes auxquelles est associé un parasite particulier ne sont pas nécessairement leurs hôtes et par ailleurs, la terre ou d'autres matériaux non associés à des plantes au moment de l'interception peuvent aussi transporter des ravageurs. Le terme "Soil" (terre) n'est employé que lorsqu'aucune plante ou matériel végétal reconnaissable ne peut être associée à la terre dans lequel un ravageur a été trouvé.

Le mode de transport de chaque parasite est indiqué par un code alphabétique sous la colonne carried in. Cinq catégories sont utilisées en l'occurence:

APB - Bagages par avion;
B - Bagages;
C - Traffic-merchandise;
M - Poste;
NE - Non-entrée;

Non-entrée fait allusion à l'interception d'un ravageur à l'intérieur d'un transporteur ou sur une plante ou un produit à l'intérieur d'un transporteur non

destiné à entrer au Canada. Il fallait en effet tenir compte du risque d'introduction du ravageur puisque le transporteur était en sol canadien ou en eaux canadiennes au moment de l'inspection.

Les listes intitulées Host et Origin ne donnent que le nom des organismes ravageurs. Pour obtenir des renseignements plus complets on consultera la liste Pest (Ravageurs). A noter que ces listes ne comprennent que les ravageurs considérés à quarantaine ou encore parfois ceux qui présentent un intérêt particulier de par leur nouveauté pour le pays d'origine ou pour la plante hôte ou dont l'aire de distribution au Canada est limitée. Certains ravageurs ont été inclus arbitrairement dans les cas où l'on n'avait pas suffisamment de renseignements sur leur importance ou encore sur leur distribution au Canada. Un grand nombre des insectes, acariens, mollusques, champignons, bactéries et nématodes les plus communs qui ont été interceptés ne sont pas mentionnés dans ces listes, mais on peut obtenir des renseignements sur ces derniers de même que des données plus détaillées sur les espèces incluses ici en s'adressant au Directeur de la Division des produits végétaux et de la quarantaine des plantes à Ottawa.

La majorité des identifications ont été faites par le personnel de la Unité des programmes bioligiques de la Section de la quarantaine des plantes. Au besoin, elles ont été réalisées ou confirmées par des spécialistes de la Direction générale de la recherche du Ministère. Les mollusques ont été identifées par le personnel des Musées nationaux du Canada. L'indexage de virus fut entrepris à la station en Sidney, C.B. Certains points d'entrée sont dotés d'inspecteurs qualifiés pour identifier certains ravageurs, étant donné la fréquence des interceptions de ces espèces en provenance d'un même territoire. Ces identifications sont contrôlées par des spécialistes. Les noms scientifiques qui figurent dans les listes sont ceux qui ont été fournis par les spécialistes lors de l'identification. Bien que beaucoup de ravageurs n'aient pas été parfaitement identifiés, ceux qui justifient des mesures de protection sont clairement identifiés dans cette liste.

Dorothy M. Laidlaw - Pathologie
Joan M. Scott - Nematologie
A.E. Tymchak - Entomologie

Faction des Biologiques
Section de la Quarantaine des plantes
Juillet 1980

Notes on Pests Intercepted

During the fiscal year covered by this report a total of 1689 pest interceptions were submitted to the headquarters laboratory for identification.

Table I compares the total pest submissions for each of the three pest groups together with the related totals which are considered significant or of other interest. The figures in brackets are those for the previous year, 1977-1978.

Pests intercepted for the first time, for the first time from a specific country or for the first time on a new host are tabulated in Table II. An asterisk indicates which of the pest, the host, or the origin, are the firsts.

Notes sur les ravageurs interceptés

Durant l'année financière couverte par le présent rapport, un total de 1689 cas d'interceptions ont été soumis au Bureau central à des fins d'identification.

Tableau I suivant permet de comparer le nombre total de spécimens pour chacun des trois groupes de ravageurs ainsi que le nombre correspondant des espèces dites significatives ou qui présentent un autre intérêt. Les chiffres entres paranthèses sont ceux de l'année précédente 1977-1978.

Les ravageurs interceptés pour la première fois, pour la première fois de certains pays en particulier, ou pour la première fois sur certains hôtes en particulier, sont compilés dans Tableau II.

Un astérisque indique la première interception de cette espèce, sort de ce ravageur, sort sur ce plante-hôte, sort de ce pays.

TABLE I
TABLEAU I

	No. of interceptions Nombre d'interceptions	
	Total No. Nombre Total	Total Considered Significant Total Signifificatif
Viruses (virus)	128	128
Nematode (Nématodes)	168 (572)	80 (181)
Fungi & Bacteria (Champignone et Bactéries)	251 (236)	33 (158)
Insects & Mollusks (Insectes et mollusques)	1142 (800)	363 (176)
Grand Total Total Général	1689 (1608)	504 (515)

TABLE II

TABLEAU II

First Interceptions 1978 - 1979

Pest Ravageur	Host Hôte	Origin Origine
INSECT:		
*Anomala antiqua Gyll	Airplane (passenger area)	*Hong Kong
*Arion ater (Linn.)	*Pinus sp.	*Netherlands
*Aspidiotus cryptomeriae Kuw	*Cryptomeria japonica	*Japan
*Callosobruchus analis (Fab.)	*Nardostachys jatamansi	*India
*Cyclocephala immaculata Olivia	*Schefflera sp.	*Florida
*Leptoglossus phyllopus Linn.	*Pelargonium sp.	*Florida
*Nelitara dentata (Grote)	*Cactaceae	*Arizona
*Nuculaspsis californicus (Coleman)	*Pinus sp.	*California
*Omphisa anastomosalis Guenee	*Ipomoea sp.	*Jamaica
*Pachyzancla bipunctalis Fab.	*Colocasia sp.	*Jamaica
*Parmena balteatus Linn.	*Allium sativum	*Italy
*Polycaon stouti Cec.	*Arctostapholos manzanita, *Sequoia	*California
*Thrips angusticeps Uzel	*Lactuca sativa	*Greece
DISEASE:		
*Coleosporium plumeriae	*Plumeria rubra	*Florida
*Gymnopilus sp. close to pliolepis (Speg.) Sing.	? Yucca	? Florida
NEMATODES:		
*Crossonema sp. n. sp.	herbaceous plants	*Costa Rica
*Helicotylenchus apiculus	*Malus	*Japan
Helicotylenchus dihystera	*Leea coccinea	*Hawaii
Helicotylenchus exallus		*Hawaii
*Helicotylenchus stylocercus n. sp. Siddiqi & Pinochet 1979	herbaceous plants	*Cost Rica

TABLE II (cont'd)
TABLEAU II

First Interceptions 1978 - 1979

Pest Ravageur	Host Hôte	Origin Origine
NEMATODES (cont'd);		
Heterodera avenae		*Czechoslovakia
Heterodera bifenestra	*truffles	
Heterodera ? cajani		India
Heterodera cruciferae		Virginia, USA.
Heterodera ? goettingiana	*Allium	*Morocco
Heterodera latipons		*Greece
Heterodera trifolii		*Turkey
*Hemicycliophora sp. n. sp.	? genera Bonsai	*New Jersey, USA.
*Nothocriconema demani	*Dendrobium sp.	*Hawaii
*Nothocriconema spinicaudatum	*Dendrobium sp.	*Hawaii
*Nothocriconema sp. n. sp.	herbaceous plants	*Costa Rica
Pratylenchus brachyrus	*Dendrobium	*Hawaii

ENTOMOLOGY

A.E. Tymchak

PEST (insects, etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	NO. OF INTERCEPTIONS IN Consumption	CARRIED IN	COLLECTED IN
Acedes pallescentella (Staint.) (Tineidae) "Large pale clothes moth"	Grain residue in ship	Unknown		5	NE	B.C. 5x
				2	NE	Ont. 2x
				2	NE	Que. 2x
				2	NE	N.B. 2x
				1	NE	N.S.
	Triticum sp	China		1	NE	B.C.
Ancylostomia stercorea Zell. (Phycitidae)	Cajanus cajan	Trinidad		1	APB	Ont.
		Jamaica		1	APB	Ont.
	Cicer sp	Jamaica		1	APB	Ont.
Anobium punctatum Deg. (Anobiidae) "Wood furniture borer"	Grain residue in ship	Unknown		1	NE	B.C.
Anomala antiqua Gyll. (Scarabaeidae) (first interception)	Airplane (passengers area)	Hong Kong		1	NE	B.C.
Anthonomus eugenii Cano. (Curculionidae) "Pepper weevil"	Capsicum	Florida, U.S.A.		1	C	Man.
Apion sp (Curculionidae)	Laurus sp	Portugal		1	APB	Que.
Araecerus levipennis (Jord.) (Anthribidae)	Grain residue in ship	Unknown		1	NE	N.B.
*Arion ater (Linn.) (Arionidae)	Pinus sp	Netherlands	1		C	Tor.
*Arion fasciatus Nilsson (Arionidae) (first interception)	Rosa sp	Netherlands	1		C	Que.
Aspidiella hartii (Cockerell) (Diaspididae)	Zingiber sp	Fiji		1	C	B.C.
Aspidiotus cryptomeriae Kuw. (Diasipididae) (first interception)	Cryptomeria japonica	Japan	1		C	B.C.

*Mollusca

PEST (insects, etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	Consumption	CARRIED IN	COLLECTED IN
Blatta orientalis Linn.						
(Blattidae)						
"Oriental cockroach"						
	Air passenger baggage	Fiji		1	C	Nfld.
	Elephant tusk	India		1	APB	Alta.
	Used machinery	India		1	C	B.C.
*Bradybaena similaris (Férussac)						
(Bradybaenidae)						
	Alocasia sp	Florida, USA	1		C	Que.
	Beaucarnea sp	Florida, USA	1		C	Que.
	Brassaia sp	Florida, USA	1		C	Ont.
	Citrus sp	Florida, USA	2		C	Ont. 2x
	Croton sp	Florida, USA	1		C	Que.
	Dracaena sp	Florida, USA	1		C	Ont.
	Ficus sp	Florida, USA	2		C	Ont.
	Plant (unknown)	Florida, USA	2		C	Que. 2x
	Schefflera sp	Florida, USA	1		C	B.C.
Bruchus rufimanus Boh.						
(Bruchidae)						
"Broadbean weevil"						
	Phaseolus sp	Italy		3x	APB	Que. 3x
		Thailand		1	C	B.C.
	Vicia faba	Italy		2x	APB	Ont. 2x
Cadra figulilella Gregson						
(Phycitidae)						
	Ficus sp. (fruit)	Italy		1	APB	Que.
Callosobruchus analis (Fab.)						
(Bruchidae) (first interception)						
	Nardostachys jatamansi	India	1		C	Alta.
Callosobruchus chinensis Linn.						
(Bruchidae)						
"Southern cowpea weevil"						
	Phaseolus sp	Greece	1		APB	Que.
		Italy		1	APB	Que.
		Japan		1	APB	Que.
Callosobruchus maculatus (Fab.)						
(Bruchidae)						
"Cowpea weevil"						
	Leguminosae seeds	India	1		M	Alta.
	Phaseolus sp	Thailand		1	C	B.C.
Camponotus tortuganus Emery						
(Formicidae)						
	Ficus sp	Florida, USA		1	C	Ont.
Caryedon serratus (Oliver)						
(Bruchidae)						
	Nardostachys jatamansi	India	1		C	Alta.

*Mollusca

PEST (insects, etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	Consumption	CARRIED IN	COLLECTED IN
Ceroplastes cirripediformis Comstock (Coccidae)						
	Aralia sp	Florida, USA	1		C	Man.
	Citrus sp	California, USA	1		C	B.C.
Ceroplastes floridensis Comstock (Coccidae) "Florida wax scale"						
	Citrus sp	Florida, USA		1	C	Ont.
	Podocarpus sp	Florida, USA	1		C	Man.
Chrysomphalus aonidum Linnaeus (Diaspididae) "Florida red scale"						
	Citris sp	Florida, USA	1		M	Ont.
	Dracaena sp	Florida, USA	1		C	Ont.
Chrysomphalus dictyosperm Morgan (Diaspididae) "Dictyospermum palm scale"						
	Dracaena sp	Florida, USA	1		C	Ont.
Corcyra cephalonica Stainton (Pyralidae) "Rice moth"						
	Grain residue in ship	Unknown		3	NE	B.C,N.B,2x
Crematogaster ashmeadi Mayr (Formicidae)						
	Plants (herbaceous)	Republic of Central Africa		1	APB	Que.
	Zingiber sp	Guadeloupe		1	APB	Que.
Cryptophlebia leucotreta (Meyrick) (Olethreutidae) "False codling moth"						
	Citris sinensis (fruit)	South Africa		2	C	N.S., Ont.
Ctenicera sjaelandica Müll (Elateridae)						
	Plants (herbaceous)	Netherlands	1		C	Que.
Curculio elephas Gyllenhal (Curculionidae)						
	Quercus sp. (seed)	Yugoslavia	1		APB	Alta.
Cyclocephala immaculata Olivier (Scarabaeidae) (first interception)						
	Schefflera sp	Florida, USA	1		C	B.C.
Cylas formicarius elegantulus (Summers) (Curculionidae) "Sweet Potato weevil"						
	Ipomoea sp	Jamaica		1	C	B.C.
Cytilus varius Say (Byrrhidae) "Pill beetle"						
	Moss packing material	Netherlands		1	C	Que.

*Mollusca

PEST (insects, etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	NO. OF INTERCEPTIONS IN Consumption	CARRIED IN	COLLECTED IN
Dacus olea (Gmelin)						
(Tephritidae)						
"Olive fruit fly"						
	Olea europaea (fruit)	Italy		2	APB	Que. 2x
	Olea sp. (fruit)	Italy		1	APB	Que.
*Deroceras laeve Müller						
(Limacidae)						
"Gray field slug"						
	Gardenia veitchi	Florida, USA	1		C	Man.
	Monstera	Florida, USA	1		C	Ont.
Diaspis boisduvalii Signoret.						
(Diaspididae)						
"Boisduval scale"						
	Chrysalidocarpus sp	Florida, USA	1		C	Ont.
Diastrophus radicum Bass.						
(Cynipidae)						
"Gall wasps"						
	Rubus sp	Missouri, USA	1		C	B.C.
Dinoderus bifoveolatus Wollaston						
(Bostrichidae)						
	Bambusa sp	Asia (eastern)		1	C	Man.
Dinoderus brevis Horn						
(Bostrichidae)						
	Wood (baskets)	Haiti		1	C	Ont.
Eisenia foetida (Savigny)						
(Lumbricidae)						
"An earthworm"						
	Earthworm shipment	Japan	1		C	Alta.
Etiella zinckenella Treit.						
(Pyralidae)						
"Lima pod borer"						
	Phaseolus sp	Indonesia		1	APB	B.C.
Euponera solitaria F.SM.						
(Formicidae)						
	Rosmarinus sp	Italy	1		APB	B.C.
Heliothis viriscens (Fab.)						
(Noctuidae)						
	Cajanus cajan	Jamaica		1	APB	Ont.
Heliothis zea (Boddie)						
(Noctuidae)						
"Corn earworm"						
	Cajanus cajan	Jamaica		2	C	Ont. 2x
	Citris mitis (Calamondin)	Florida	1		C	Ont.
	Zea mays	Washington, USA		1	C	B.C.
*Helix aperta Born						
(Helicidae)						
	Baggage	Italy		1	APB	Ont.

*Mollusca

PEST (insects, etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	Consumption	CARRIED IN	COLLECTED IN
*Helix aspersa (Müller) (Helicidae) "Brown garden snail"	Baggage	Greece		6	APB	Que. 6x
		Portugal		1	APB	Que.
		Germany		1	APB	Ont.
	Crassula	California, USA	1		C	Que.
	Cyrtomium sp	California, USA	1		C	Man.
	Hibiscus sp	California, USA	1		C	Ont.
	Shipments (of snails-via air)	Italy		1	C	Que.
		Greece		1	C	Que.
*Helix pomatia Linn. (Helicidae)	Baggage	Greece		1	APB	Que.
Heterobostrychus aequalis (Waterhouse) (Bostrichidae)	Wood (crates)	Hong Kong		1	C	N.B.
	Wood (face masks)	Africa		1	C	Ont.
Hymenia recurvalis (Fab) (Pyraustidae) "Hawaiian beet webworm"	Amaranthus sp	Jamaica		4	C	Ont. 4x
	Calaloo sp	Jamaica		3	C	Ont.
	Colocasia sp	Jamaica		1	C	Ont.
Iridomyrmex humilis Mayr (Formicidae) "Argentine ant"	Calluna sp	United Kingdom	1		APB	Que.
	Dioscorea sp	Portugal		1	APB	Que.
Ischnaspis longirostris (Signoret) (Diaspididae) "Black thread scale"	Palmaceae	Florida, USA	1		C	Que.
Laspeyresia piperana Kft. (Olethreutidae) "Nut fruit tortrix"	Castanea sp	Greece		1	APB	Ont.
		Portugal		1	APB	Ont.
Laspeyresia splendana Hbn. (Olethreutidae) "Nut fruit tortrix"	Castanea sp.	Greece		1	APB	Ont.
		Portugal		1	APB	Ont.
Lecanium corni Bouché (Coccidae) "Brown apricot scale"	Dracaena sp	Florida, USA	1		C	Man.
	Gardenia veitchi	Florida	1		C	Ont.
Leptoglossus phyllopus Linn. (Coreidae) (first interception) "Squash bug"	Pelargonium sp.	Florida, USA	1		C	Ont.

*Mollusca

PEST (insects, etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	NO. OF INTERCEPTIONS IN Consumption	CARRIED IN	COLLECTED IN
Leucoptera scitella Zeller						
(Lyonetiidae)						
"Pear leaf miner"						
	Malus sp. (fruit)	Italy		2	C	Ont. 2x
Maruca testulalis (Geyer)						
(Pyraustidae)						
	Cajanus cajan	Jamaica		1	C	Ont.
Minthea rugicollis (Wlk.)						
(Lyctidae)						
	Plants (dried)	Hong Kong		1	C	N.B.
Nelitara dentata (Grote)						
(Phycitidae) (first interception)						
	Cactaceae	Arizona, USA	1		APB	Ont.
Noctuidae						
"Cutworms"						
	Brassica sp	Portugal		1	APB	Que.
	Crassula sp	France	1		APB	Que.
Nuculaspis californicus (Coleman)						
(Diaspididae) (first interception)						
	Pinus sp	California, USA	1		C	Sask.
Omphisa anastomosalis Guenée						
(Pyralidae) (first interception)						
	Ipomoea sp	Jamaica		1	C	Ont.
Onthophagus gazella Fab.						
(Scarabaeidae)						
	Burlap sacks	India		1	NE	Ont.
Ostrinia nubilalis (Hübner)						
(Pyraustidae)						
	Diospyrus sp	Japan		1	C	B.C.
*Otala lactea Müller						
(Helicidae)						
"Milk snail"						
	Baggage	Greece		4	APB	Que.
		Portugal		2	APB	Que. 2x
	Shipments (of snails - via air)	Morocco		4	C	Que. 4x
*Otala vermiculata Müller						
(Helicidae)						
	Baggage	Greece		4	APB	Que. 4x
		Italy		1	APB	Que.
	Shipments (of snails - via air)	Tunisia		3	C	Que.
Pachyzancla bipunctalis Fab.						
(Pyralidae) (first interception)						
"Southern beet webworm"						
	Colocasia sp	Jamaica		1	C	Ont.

*Mollusca

PEST (insects, etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	NO. OF INTERCEPTIONS IN Consumption	CARRIED IN	COLLECTED IN
Parmena balteatus Linn. (Cerambycidae) (first interception)	Allium sativum	Italy		1	APB	Que.
Phenacaspis cockerelli (Cooley) (Diaspididae) "Oleander scale"	Nerium sp	Italy	1		APB	Que.
Phenacaspis pinifoliae (Fitch) (Diaspididae) "Pine needle scale"	Pinus nigra	New York, USA	1		C	Ont.
Phloeotribus scarabaeoides Bernard (Scolytidae)	Olea europaea (Wood)	Netherlands		1	APB	Que.
Pinnaspis strachani (Cooley) (Diaspididae) "Lesser snow scale)	Chrysalidocarpus sp	Florida, USA	3		C	Ont. 3x
Plannococcus citri (Risso) (Pseudococcidae) "Citris mealy bug"	Cactaceae	Italy	1		APB	Que.
	Cerastium sp	Switzerland	1		APB	Que.
	Cissus sp	Florida, USA	1		C	Man.
	Dioscorea sp	Nigeria	1		APB	Que.
	Polypodiaceae	Portugal	1		APB	Que.
	Plants (woody)	Italy	1		APB	Que.
	Saintpaulia sp	Florida	1		C	B.C.
	Zingeber sp	Antigua	1		C	Que.
Polycaon stouti Cec. (Bostrichedae) (first interception)	Arctostaphylos manzanita	California, USA		1	C	Ont.
	Sequoia sp	California, USA		1	C	N.S.
Polyphylla perversa Say. (Scarabaeidae)	Grain residue in ship	Unknown		1	NE	Ont.
Potosia cuprea Fab. (Scarabaeidae)	Baggage	Greece		1	APB	Ont.
Prodenia ornithogalli Guen (Noctuidae) "Yellow striped armyworm"	Brassaia sp	Florida, USA	1		C	Ont.
Pseudaonidia paeoniae Cockerell (Diaspididae)	Camillia sp	N. Carolina, USA	1		C	Ont.

*Mollusca

PEST (insects, etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	NO. OF INTERCEPTIONS IN Consumption	CARRIED IN	COLLECTED IN
Pyrgocorypha sp. (Conocephalidae)	Machinery	India		1	C	B.C.
Rhyzopertha dominica Fab. (Bostrichidae) "Lesser grain borer"	Graminaceae	Egypt		1	APB	Ont.
	Grain residue in ship	Unknown		19	NE	B.C. 12x Man. Ont. Que. N.B. 4x
Saissetia oleae (Bernard) (Coccidae) "Black scale"	Ardisia sp	Florida, USA	1		C	Ont.
	Gardenia sp	Florida, USA	1		C	Man.
	Pellaea sp	California USA	1		C	Man.
	Rosmarinus sp	Italy	1		APB	Que.
Sibine stimulae (Clemens) (Limacodidae) "Saddleback caterpillar"	Areca sp	Florida, USA	1		C	Ont.
	Chrysalidocarpus sp	Florida, USA	1		C	Ont.
Sinoxylon anale Lesne (Bostrichidae)	Wood (crates)	India		1	C	B.C.
	(instrument)	Pakistan		1	APB	Alta.
Sinoxylon conigerum Gerst. (Bostrichidae)	Wood (crates)	Hong Kong		1	C	N.B.
		India		2	C	B.C. 2x
Sitotroga cerealella (Oliv.) (Gelechiidae) "Angoumois Grain moth"	Grain residue in ship	Unknown		6x	NE	B.C 2x Que. N.B. 3x
	Sorghum	Nigeria		1	C	Ont.
	Zea Mays	Italy	1		APB	Que.
		Morocco		1	APB	Que.
Spodoptera exigua Hübner (Noctuidae) "Beet army worm"	Amaranthus sp	Jamaica		3	C	Ont. 3x
	Calaloo sp	Jamaica		3	C	Ont. 3x
	Gardenia veitchi	Florida		1	C	Man.

*Mollusca

PEST (insects, etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	NO. OF INTERCEPTIONS IN Consumption	CARRIED IN	COLLECTED IN
Spodoptera ornithogalli (Guenée)						
(Noctuidae)						
"Yellow striped cutworm"						
	Plants (herbaceous)	California		1	C	Alta.
Stephanoderes hampei (Ferr.)						
(Scolytidae)						
	Myristica sp	Grenada		1	APB	Que.
Sterrha inquinata (Scop.)						
(Geometridae)						
	Rosmarinus	Italy		1	APB	Que.
	Sterile growing medium	Unknown	1		C	Que.
Tapinoma sessile (Say)						
(Formicidae)						
	Aloe sp	California, USA	1		C	Ont.
Tetramorium caespitum (Linn.)						
(Formicidae)						
"The pavement ant"						
	Juglans sp	Italy		1	APB	Que.
	Soil	Israel		1	APB	Que.
Tetramorium guineense (Fabr.)						
(Formicidae)						
"Guinea ant"						
	Ficus sp	Dominican Republic	1		C	Ont.
*Theba pisana Müller						
(Helicidae)						
"White garden snail"						
	Baggage	Greece		1	APB	B.C.
		Italy		2	APB	Que. 2x
		Portugal		1	APB	Que.
Thrips angusticeps Uzel						
(Thripidae) (first interception)						
	Lactuca sativa	Greece		1	APB	Que.
Thyridopteryx ephemeraeformis (Haw.)						
(Psychidae)						
	Althea sp	California, USA	1		C	B.C.
	Areca sp	Florida, USA	1		C	Ont.
	Ficus sp	Florida, USA	1		C	Man.
Trichoplusia ni (Hübner)						
(Noctuidae)						
"Cabbage looper"						
	Amaranthus sp	Jamaica		1	C	Ont.
	Calaloo sp	Jamaica		1	C	Ont.
Trogoderma granarium Everts						
(Dermestidae)						
"Khapra beetle"						
	Dry stores (on ship)	Unknown		1	NE	Que.
	Hold (on ship)	Cuba		1	NE	Que.

*Mollusca

PEST (insects, etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	NO. OF INTERCEPTIONS IN Consumption	CARRIED IN	COLLECTED IN
Trogoxylon praeustum Erichson (Lyctidae)	Bambusa (baskets)	Mexico		3	C	Ont. 2x B.C.
Trogoxylon prostomoides (Gorham) (Lyctidae)	Bambusa (chair)	Mexico		1	C	Ont. 2x B.C.
Unaspis citri (Comstock) (Diaspididae) "Citrus snow scale"	Citrus sp	Mexico		3	C	Ont. 2x B.C.
*Veronicella floridana Leidy (Veronicellidae)	Philodendron sp	Florida, USA	1		C	B.C.
	Plants (herbaceous)	Florida, USA	1		C	Sask.
Wasmannia auropunctata Roger (Formicidae) "The little fire ant"	Agave sp	Barbados	1		APB	Que.
	Heliconia sp	Guadeloupe	1		APB	Que.
	Nerium sp	Martinique	1		APB	Que.
	Sansevieria sp	Barbados	1		APB	Que.
Zootermopsis angusticollis (Hagen) (Kalotermitidae)	Insect collection	Oregon, USA	1		M	B.C.

*Mollusca

NEMATOLOGY
J. Scott

PEST (nematode)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	Consumption	CARRIED IN	COLLECTED IN
Anguina agrostis (Steinbuch 1799) Filip. 1936 "seed grass nematode" (Tylenchidae):						
	Agrostis spp	Oregon (USA)	1		C	B.C.
Aphelenchoides parietinus (Bastian, 1865) Steiner, 1932 (Aphelenchoididae)						
	Potentilla	England	1			Ont.
Aphelenchoides sp. (Aphelenchoididae) "foliar nematodes"						
	Bulbs (soil)	Italy	1			Nfld.
	Plants (herb.)	England	1			Nfld.
Criconemoides sp. (Criconematidae) "ring nematodes"						
	Corylus	Denmark	1			Alta.
Crossonema sp. n. sp. (Criconematidae):						
	Plants (herb.)	Costa Rica	1		C	Ont.
Ditylenchus destructor Thorne, 1945 (Tylenchidae): "Potato-rot nematode"						
	Iris	Mich., U.S.A.	1		C	Ont.
	Iris	Wa., U.S.A.	1		C	B.C. (4x)
Ditylenchus dipsaci (Kühn 1857) Filip. 1936 (Tylenchidae): "bulb and stem nematode"						
	Iris	Mich., U.S.A.	1		C	Ont.
Globodera rostochiensis (Wollenweber, 1923) "Golden nematode" (Heteroderidae):						
	Agricultural machinery (with soil)	India		1	C	B.C.
	Mentha	England	1		APB	Que.
	Plants (herb)	Europe	1		APB	Man.
	Potentilla	Netherlands	1		C	Que.
	Spiraea	Netherlands	1		C	Que.
	Trifolium	Ireland	1		APB	Alta.
Globodera tabacum Lowns. and Lowns., 1954 (Heteroderidae): "Tobacco-cyst nematode"						
	Euonymus	Conn., U.S.A.	1		C	Que.
	Juniperus	Conn., U.S.A.	3		C	Que. 3x
	Malus	Conn., U.S.A.	1		C	Que.
	Picea	Conn., U.S.A.	1		C	Que.
	Taxus	Conn., U.S.A.	3		C	Que. 3x

PEST (nematode)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	NO. OF INTERCEPTIONS IN Consumption	CARRIED IN	COLLECTED IN
Globodera sp. (Heterideridae):						
	Agricultural Machinery (with soil)	Japan		1	C	B.C.
	Juniperus	Conn., U.S.A.	1		C	Que.
	Mentha	England	1		APB	Man.
	Tulipa	Netherlands	1		C	Man.
Helicotylenchus apiculus Roman, 1965 (Hoplolaimidae):						
	Malus	Japan	1		C	B.C.
Helicotylenchus dihystera (Cobb., 1893) Sher, 1961 (Hoplolaimidae):						
	Leea coccinea	Hawaii	1		C	Ont.
Helicotylenchus exallus Sher., 1966 (Hoplolaimidae):						
	Dendrobium	Hawaii	1		C	Ont.
Helicotylenchus stylocercus n.sp. Siddiqi & Pinochet, 1979 (Hoplolaimidae):						
	Plants (herb.)	Costa Rica	1		C	Ont.
Helicotylenchus sp. (Hoplolaimidae):						
	Dendrobium	Hawaii	1		C	Ont.
	Dioscorea	Jamaica	1		C	Ont.
	Hordeum	Turkey	1		C	Ont.
	Soil	Germany		1	APB	Alta.
Hemicycliophora sp. n. sp. (Criconematidae):						
	Bonsai	N.J., U.S.A.	1		C	Alta.
Heterodera avenae Filipjev, 1934 (Heteroderidae): "oat-cyst nematode"						
	Allium sativum	Morocco	1		APB	Que.
	Caragana	Netherlands	1		C	Que.
	Mentha	England	1		APB	Man.
	Rosa	Netherlands	2		C	Que. 2x
	Soil	Czechoslavakia		1	C	Ont.
	Tulipa	Netherlands	1		C	Ont.
	Vibernum	Netherlands	1		C	Que.
Heterodera bifenstra Cooper 1955 (Heteroderidae):						
	Truffles	France	1		APB	Que.
Heterodera cacti Filip. & Stek., 1941 (Heteroderidae) "cactus-cyst nematode"						
	Agricultural Machinery (with soil)	Japan		1	C	B.C.

PEST (nematode)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	NO. OF INTERCEPTIONS IN Consumption	CARRIED IN	COLLECTED IN
Heterodera ? H. cajani Koshy, 1967 (Heteroderidae)	Construction Equipment (with soil)	India		1	C	B.C.
Heterodera cruciferae Franklin, 1945 (Heteroderidae) "cabbage-cyst nematode"	Brassica	Va., U.S.A.	1		C	B.C.
	Mentha	England	1		APB	Man.
	Plants (herb.)	England	1		APB	Man.
	Thymus	Belgium	1		APB	Que.
Heterodera fici Kirjanova, 1954 (Heteroderidae) "fig-cyst nematode"	Acer spp.	England	1		APB	N.S.
	Amaryllis	Italy	1		APB	Que.
	Fragaria	Poland	1		APB	Que.
	Hedera	Italy	1		APB	Que.
	Pelargonium	Italy	1		APB	Que.
Heterodera galeopsidis (Goffart, 1936) Filipjev and Stekhoven, 1941 (Heteroderidae) "Hemp nettle cyst nematode"	Thymus	Belgium	1		APB	Que.
Heterdera ? goettingiana Liebscher, 1892 (Heteroderidae) "Pea cyst nematode"	Allium	Morocco	1		C	Que.
Heterodera humuli Filipjev, 1934 (Heteroderidae) "Hop cyst nematode"	Agricultural Machinery (with soil)	Japan		1	C	B.C.
	Amaryllis	Italy	1		B	Que.
	Solanum tuberosum	Netherlands	1		APB	Alta.
	Vitis	Italy	1		APB	Que.
Heterodera iri Matthews, 1971 (Heteroderidae)	Mentha	England	1		APB	Man.
Heterodera latipons Franklin, 1969 (Heteroderidae) "cereal-cyst nematode"	Soil	Greece		1	APB	Que.
Heterodera schachtii Schmidt, 1871 (Heteroderidae) "sugar-beet nematode"	Allium	Portugal	1		B	Que.
	Cactus	France	1		APB	Que.
	Cactus	Italy	1		APB	Que.
	Marantha	Portugal	1		APB	Que.
	Petroselinum crispum	Italy	1		APB	Que.
	Polypodiaceae	Portugal	1		APB	Que.
	Solanum tuberosum	Portugal	1		APB	Que.

PEST (nematode)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	NO. OF INTERCEPTIONS IN Consumption	CARRIED IN	COLLECTED IN
Heterodera schachtii (group) Schmidt, 1871 (Heteroderidae) "Sugar-beet nematode"						
	Agricultural Machinery (with soil)	Netherlands		1	C	Ont.
Heterodera trifolii Goffart 1932 (Heteroderidae): "clover-cyst nematode"						
	Chrysanthemum	Portugal	1		APB	Que.
	Crassula	Italy	1		APB	Que.
	Foeniculum	Portugal	1		APB	Que.
	Hordeum	Turkey	1		APB	Ont.
	Lysimachia	Italy	1		B	Que.
	Petroselinum	Italy	1		APB	Que.
	Picea	Penn., U.S.A.	1		C	Que.
	Pimenta	Portugal	1		APB	Que.
	Plants (herb)	N.Y., U.S.A.	1		C	Que.
	Plants (woody)	Miss., U.S.A.	1		C	Que.
	Polypodiaceae	Portugal	1		APB	Que.
	Soil (Agricultural Machinery)	Japan		1	C	B.C.
	Thymus	Portugal	1		APB	Que.
Heterodera sp. (Heteroderidae):						
	Agricultural Machinery (with soil)	Japan		1	C	B.C.
	Acer spp.	England	1		APB	Que.
	Artemesia	India	1		APB	Que.
	Asparagus	Portugal	1		APB	Que.
	Begoniaceae	Portugal	1		APB	Que.
	Brassica	Va., U.S.A.	1		C	B.C.
	Foeniculum	Portugal	1		APB	Que.
	Hordeum	Turkey	1		C	Ont.
	Pimenta	India	1		APB	Que.
Macroposthonia xenoplax (Raski, 1952) de Grisse & Loof, 1965 (Criconematidae)						
	Malus	Japan	1		C	B.C.
Meloidogyne hapla Chitwood 1949a (Meloidogynidae) "northern root-knot nematode"						
	Rosa	Netherlands	3		C	Ont. 3x
	Rosa	France	1		C	Ont.
	Weigela	Tenn., U.S.A.	1		C	Que.
Meloidogyne incognita (Kofoid and White, 1919) Chitwood 1949 "southern root-knot nematode" (Meloidogynidae):						
	Dracaena	Fla., U.S.A.	1		C	Ont.
	Fraxinus	S.C., U.S.A.	1		C	Ont.
	Lycopersicon esculentum	Ga., U.S.A.	2		C	Ont. 2x
	Malus	Japan	1		C	B.C.

PEST (nematode)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	NO. OF INTERCEPTIONS IN Consumption	CARRIED IN	COLLECTED IN
Meloidogyne javanica (Treub, 1885) Chitwood, 1949a "sugar cane root-knot nematode" (Meloidogynidae):						
	Lycopersicon esculentum	Ga., U.S.A.	2		C	Ont. 2x
	Malus	Japan	1		C	B.C.
Meloidogyne sp. (Meloidogynidae):						
	Ligustrum	Tenn., U.S.A.	1		C	Ont.
	Malus	Japan	1		C	B.C.
Nothocriconema demani (Micoletzky, 1925) de Grisse & Loof 1965 (Criconematidae):						
	Dendrobium	Hawaii	1		C	Ont.
Nothocriconema spinicaudatum Raski & Pinochet 1976 (Criconematidae):						
	Dendrobium	Hawaii	1		C	Ont.
Nothocriconema sp. n. sp. (Criconematidae):						
	Plants (herb.)	Costa Rica	1		C	Ont.
Pratylenchus brachyurus (Godfrey, 1929) Filipjev & Stekhoven, 1941 (Pratylenchidae):						
	Dendrobium	Hawaii	1		C	Ont.
Pratylenchus penetrans (Cobb, 1917) Filipjev & Stekhoven, 1941 (Pratylenchidae):						
	Malus	Japan	1		C	Ont.
Pratylenchus sp. (Pratylenchidae):						
	Vitis	France	1		C	Que.
Punctodera punctata Thorne, 1928 (Heteroderidae) "Grass-cyst nematode"						
	Agricultural machinery (with soil)	Netherlands		1	C	Ont.
	Rosa	Netherlands	1		C	Que.
	Tulipa	Netherlands	1		C	Ont.
Rotylenchus sp. (Hoplolaimidae):						
	Corylus	Denmark	1		APB	Alta.
	Crocus	Netherlands	1		APB	Alta.

PATHOLOGY
D. Laidlaw

PEST (Fungus etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	Consumption	CARRIED IN	PROVINCE OF COLLECTION
Apple Chlorotic Leafspot virus						
	Malus var's Aroma	Sweden	1			B.C.
	Budagovsky 54-446	USA	1			B.C.
	Delikates	USA	1			B.C.
	Dolgo	USA	1			B.C.
	Earliblaze	USA	1			B.C.
	EM 7	Netherlands	1			B.C.
	EM 7	USA	1			B.C.
	Liberty	USA	1			B.C.
	NY 58553-1	USA	1			B.C.
	NY 61345-2	USA	1			B.C.
	Ormiston Roy	USA	1			B.C.
Apple spy Epinasty and Decline Virus						
	Malus var Ormiston Roy	USA	1			B.C.
Apple Stem Pitting Virus						
	Malus var Harlalson	USA	1			B.C.
Brown Line Virus						
	Malus var's Almey	USA	1			B.C.
	Anora	USA	1			B.C.
	MM 106	USA	1			B.C.
	Mor Spur McIntosh	USA	1			B.C.
	Spurred Royal Delicious	USA	1			B.C.
Coleosporium plumeriae Pat. (a rust)						
	Plumeria rubra	Florida, USA		1	C	Alta.
Colletotrichum gloeosporioides Penz.						
	Areca lutescens	Florida, USA	1		C	Ont.
	Caryota mitis	Florida, USA	1		C	B.C.
	Crinum americanum	Florida, USA	1		C	Ont.
	Dieffenbachia sp.	Florida, USA	1		C	Ont.
	Dracaena spp.	Florida, USA	1		C	Ont.
	Sanseveria sp.	Florida, USA	1		C	N.B.
	Scheffelera sp. (Brassia sp.)	Florida, USA	2x		C	Man., Ont.
Coniothyrium concentricum (Desm.) Sacc.						
	Yucca flaccida	Netherlands	1		C	Ont.
	Yucca sp.	Florida, USA	3x		C	Ont. 2x, Que.
Cytospora sp.						
	Laburnum watereri	Netherlands	1		C	Ont.
Fusarium sp.						
	Freesia sp.	Netherlands	1		C	Ont.

PEST (Fungus etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	Consumption	CARRIED IN	PROVINCE OF COLLECTION
Grapevine Fanleaf virus						
	Vitis var's Aligote	France	2x			B.C.
	Aligote CL591	France	1			B.C.
	Auxerrois	France	1			B.C.
	Beta	USA	1			B.C.
	B 7-2	West Germany	1			B.C.
	BS 2846	USA	1			B.C.
	Cabernet Franc	France	2x			B.C.
	Cabernet Franc (CL39)	France	1			B.C.
	Cabernet Saurignon	USA	1			B.C.
	Chardonnay CL 75	France	1			B.C.
	Chardonnay CL 96	France	1			B.C.
	Chardonnay CL 116	France	1			B.C.
	Chardonnay CL 127	France	1			B.C.
	Chardonnay CL 129	France	1			B.C.
	Chardonnay RG6	West Germany	1			B.C.
	Chenin Blanc	France	1			B.C.
	Chenin Blanc	USA	1			B.C.
	Coco	USA	1			B.C.
	Concord Seedless	USA	1			B.C.
	Gamay Beaujolais	France	3x			B.C.
	Gamay Beaujolais CL 28	France	1			B.C.
	Gewurtraminer	USA	1			B.C.
	Gewurtztraminer	USA	1			B.C.
	Gewurztraminer	USA	1			B.C.
	GL 17-31-115	USA	1			B.C.
	Himrod	USA	1			B.C.
	Johannisberg Riesling	USA	1			B.C.
	Landot 244	France	1			B.C.
	Marchel Foch	France	1			B.C.
	Merlot	France	1			B.C.
	Merlot Rouge	France	1			B.C.
	New York 33873	USA	1			B.C.
	New York 34803 (GR1)	USA	1			B.C.
	New York 44897 (GR8)	USA	1			B.C.
	Oppenheim SO4	USA	1			B.C.
	Palomino	USA	1			B.C.
	Pinot Chardonnay	USA	2x			B.C.
	Pinot Chardonnay	France	4x			B.C.
	Pinot Chardonnay CL 77	France	1			B.C.
	Pinot Chardonnay CL 78	France	1			B.C.
	Pinot Chardonnay CL 96	France	1			B.C.
	Pinot Noir	USA	1			B.C.
	Pinot Noir CL 111	France	1			B.C.
	Pinot Noir CL 112	France	1			B.C.
	Pinot Noir CL 114	France	1			B.C.
	Pinot Noir CL 115	France	1			B.C.
	Pinot Noir CL 1787	France	1			B.C.
	Riesling (CL 21B)	West Germany	2x			B.C.
	Romulus	USA	1			B.C.
	Rotberger	West Germany	1			B.C.
	RSB 1 CL 141	West Germany	1			B.C.
	Rulander (2/21 GM)	West Germany	1			B.C.
	R10 Des Precoces	France	1			B.C.
	Seyval Blanc	France	1			B.C.

PEST (Fungus etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	Consumption	CARRIED IN	PROVINCE OF COLLECTION
Grapevine Fanleaf virus (cont'd.)						
	Vitis var's S04 (CL5)	France	1			B.C.
	Vidal 256	France	1			B.C.
	White Riesling	USA	1			B.C.
	3309 (CL 111)	France	1			B.C.
Grapevine Fleck virus						
	Vitis var's Aligote	France	1			B.C.
	Baachus	West Germany	1			B.C.
	Cabernet Franc Cl 313	France	1			B.C.
	Carigname	USA	1			B.C.
	Cascade (S13-053)	USA	1			B.C.
	Chardonnay CL 116	France	1			B.C.
	Chardonnay CL 117	France	1			B.C.
	Chardonnoy CL 128	France	1			B.C.
	GW 7	USA	1			B.C.
	Gewurztraminer	USA	1			B.C.
	Himrod	USA	2x			B.C.
	Oraniensteiner	West Germany	1			B.C.
	Pinot Chardonnay	France	3x			B.C.
	Pinot Chardonnay	USA	1			B.C.
	Riesling 49	France	1			B.C.
	Saurignon (CL 295)	France	1			B.C.
	V. Riparia "Glorie"	USA	1			B.C.
	White Riesling	USA	1			B.C.
	3309	France	1			B.C.
	3309 (CL 111)	France	1			B.C.
	5C	West Germany	1			B.C.
Grapevine Leafroll virus						
	Vitis var'a Aligote (CL 591)	France	1			B.C.
	Auzerrois (CL 57)	France	1			B.C.
	Baco Noir	USA	1			B.C.
	Cabernet Sauvignon	France	1			B.C.
	Gamay Beaujdais	France	1			B.C.
	Gewurztraminer	USA	1			B.C.
	GL 17-31-115	West Germany	1			B.C.
	Merlot	USA	2x			B.C.
	Merlot Rouge	France	1			B.C.
	Sauvignon Blanc	USA	1			B.C.
Guignardia philoprina (Berk. & Curt.) Van der Aa						
	Brassia actinophylla	Florida, USA		1	C	Alta.
Gymnopilus sp. close to G. peliolepis (Speg.) Sing.						
	Yucca (associated with)	Florida, USA prob.	1		C	Ont.
Pear Vein Yellows Virus						
	Pyrus var's D'Anjou	USA	1			B.C.
	Devoe	USA	1			B.C.

PEST (Fungus etc.)	HOST (or carrier)	COUNTRY OF ORIGIN	NO. OF INTERCEPTIONS IN Propagation	Consumption	CARRIED IN	PROVINCE OF COLLECTION
Pestalotia guepini Desm.						
	Camellia sp.	England		1	M	Ont.
Phomopsis sp.						
	Pinus mugo	Netherlands	1		C	N.S.
Phyllosticta sp.						
	Dracaena sp.	Florida, USA	1		C	Ont.
	Yucca elephantipes	Florida, USA	1		C	Ont.
Prunus Necrotic Ringspot Virus						
	Prunus var's (Apricot) HO XIV/I	Yugoslavia	1			B.C.
	(Cherry) Early Rivers .	Denmark	1			B.C.
	(Peach) Garden Gold ...	USA	1			B.C.
	(Plum) F1 (322x871) ...	France	1			B.C.
	Ortenauer zwetsche	West Germany	1			B.C.
	P2038 (P.Bess x P.myro)	France	1			B.C.
Puccinia coronata Cda.						
	Avena sp. (packing material)	Scotland		1	C	B.C.
Xanthomonas hererae (Arnaud) Dowson						
	Hedera helix	California, USA	1		C	Alta.
	.....	Connecticut, USA	2x		C	Ont.
	.....	Florida	1		C	MAN.

HOST (or carrier) OF INTERCEPTED PEST

ACER:
- Heterodera fici (Nematode)
- Heterodera sp. "

AGAVE:
- Wasmannia auropunctata (Insect)

AGRICULTURAL MACHINERY (with soil):
- Globodera rostochiensis (Nematode)
- Globodera sp. "
- Heterodera cacti "
- Heterodena humili "
- Heterodira schachtii (group) "
- Heterodera sp. "
- Heterodera trifoli "
- Punctodera punctata "

AGROSTIS:
- Anguina agrostis (Nematode)

AIRPLANE (Passengers' cabin):
- Anomala antigua (Insect)

ALLIUM:
- Heterodera avenae (Nematode)
- Heterodera ? gottingiana "
- Heterodera schachtii "
- Parmena balteatus (Insect)

ALOCASIA:
- Bradybaena similaris (Mollusca)

ALOE:
- Tapinoma sessile (Insect)

ALTHEA:
- Thyridopteryx ephemeraeformis (Insect)

AMARANTHUS:
- Hymenia recurvalis (4x) (Insect)
- Spodoptera exigua (3x) "
- Trichoplusia ni "

AMARYLLIS:
- Heterodera fici (Nematode)
- Heterodera humili "

ARALIA:
- Ceroplastes cirripediformis (Insect)

ARCTOSTAPHYLOS:
- Polycaon stouti (Insect)

ARDISIA:
- Sassetia oleae (Insect)

ARECA:
- Colletotrichum gloeosporioides (Fungus)
- Sibine stimulae (Insect)
- Thyridopteryx ephemeraeformis "

ARTEMESIA:
- Heterodera sp. (Nematode)

ASPARAGUS:
- Heterodera sp. (Nematode)

AVENA:
- Puccinia coronata (Fungus)

HOST (or carrier) OF INTERCEPTED PEST

BAGGAGE:

Blatta orientalis	(Insect)
Helix aperta	(Mollusca)
Helix aspersa (8x)	"
Helix Pomatia	"
Otala lactea (3x)	"
Otala vermiculata (5x)	"
Potosia cuprea	(Insect)
Theba pisana (4x)	(Mollusca)

BAMBUSA:

Dinoderus bifoveolatus	(Insect)
Trogoxylon praeustum	"
Trogoxylon prostomoides	"

BEAUCARNEA:

Bradybaena similaris	(Mollusca)

BEGONIACEAE:

Heterodera sp.	(Nematode)

BONSAI:

Hemicycliophora sp. n. sp.	(Nematode)

BRASSIA:

see Scheffelera

BRASSICA:

Heterodera cruciferae	(Nematode)
Heterodera sp.	"
noctuidae	(Insect)

BULBS:

Aphelenchoides sp.	(Nematode)

CACTACEAE:

Heterodera schachtii (2x)	(Nematode)
Nelitara dentata	(Insect)
Plannococcus citri	"

CAJANUS:

Ancylostomia stercorea (2x)	(Insect)
Heliothis virescens	"
Heliothis zea (2x)	"
Maruca testulalis	"

CALLUNA:

Iridomyrmex humilus	(Insect)

CAMILLIA:

Pestalotia guepini	(Fungus)
Pseudaonida paeoniae	(Insect)

CAPSICUM:

Anthonomus eugenii	(Insect)

CARAGANA:

Heterodera avenae	(Nematode)

CARYOTA:

Colletotrichum gloeosporioides	(Fungus)

CASTANEA:

Laspeyresia splendana	(Insect)

CERASTIUM:

Plannococcus citri	(Insect)

CHRYSALIDOCARPUS:

Diaspis boisduvali	(Insect)
Pinnaspis strachani	"
Sibine stimulae	"

HOST (or carrier) OF INTERCEPTED PEST

CHRYSANTHEMUM:	
Heterodera trifolii	(Nematode)
CICER:	
Ancylostomia stercorea	(Insect)
CISSUS:	
Plannococcus citri	(Insect)
CITRUS:	
Bradybaena similaris (2x)	(Mollusca)
Ceroplastes cirripediformis	(Insect)
Ceroplastes floridensis	"
Chrysomphalus aonidum	"
Cryptophlebia leucotreta (2x)	"
Heliothis zea	"
Unaspis citri	"
COLOCASIA:	
Hymenia recurvalis	(Insect)
Pachyzancla bipunctalis	"
CORYLUS:	
Criconemoides sp.	(Nematode)
Rotylenchus sp.	"
CRASSULA:	
Helix aspersa	(Mollusca)
Heterodera trifolii	(Nematode)
Noctuidae	(Insect)
CRINUM:	
Colletotrichum gloeosperioides	(Fungus)
CROCUS:	
Rotylenchus sp.	(Nematode)
CROTON:	
Bradybaena similaris	(Mollusca)
CRYPTOMERIA:	
Aspidiotus cryptomeeriae	(Insect)
CRYPTOMIUM:	
Helix aspersa	(Mollusca)
DENDROBIUM:	
Helicotylenchus exallus	(Nematode)
Helicotylenchus sp.	"
Nothocriconema demani	"
Nothocriconema spinicaudatum	"
Pratylenchus brachyurus	"
DIEFFENBACHIA:	
Colletotrichum gloeosporioides	(Fungus)
DIOSCOREA:	
Helicotylenchus sp.	(Nematode)
Iridomyrmex humilis	(Insect)
Plannococcus citri	"
DIOSPYRUS:	
Ostrinia nubilalis	(Insect)
DRACAENA:	
Bradybaena similaris	(Mollusca)
Chrysomphalus aonidum	(Insect)
Chrysomphalus dictyosperm	"
Lecanium corni	"
Meloidogyne incognita	(Nematode)
Phyllosticta sp.	(Fungus)

HOST (or carrier) OF INTERCEPTED PEST

EUONYMUS:
- Globodera tabacum (Nematode)

FICUS:
- Bradybaena similaris (2x) (Mollusca)
- Cadra figulilella (Insect)
- Camponotus tortuganus "
- Tetramorium guineense "
- Thyridopteryx ephemeraeformis "

FOENICULUM:
- Heterodera sp. (Nematode)
- Heterodera trifolii "

FRAGARIA:
- Heterodera fici (Nematode)

FRAXINUS:
- Meloidogyne incognita (Nematode)

FREESIA:
- Fusarium sp. (Fungus)

GARDENIA:
- Deroceras laevae (Mollusca)
- Lecanium corni (Insect)
- Saissetia oleae "
- Spodoptera exigua "

GRAIN RESIDUE (in ship):
- Acedes pallescentela (12x) (Insect)
- Anobium punctatum "
- Araecerus levipennis "
- Corcyra cephalonica "
- Polyphylla perversa "
- Rhizopertha dominica (19x) "
- Sitotroga cerealella (6x) "

GRAMINACEAE:
- Rhizopertha dominica (Insect)

HEDRA:
- Heterodera fici (Nematode)
- Xanthomonas hederae (4x) (Bacteria)

HELICONIA:
- Helix aspersa (Mollusca)
- Wasmannia auropunctata (Insect)

HORDEUM:
- Helicotylenchus sp. (Nematode)
- Heterodera sp. "
- Heterodera trifolii "

INSECTS (as such):
- Zootermopsis angusticollis (Insect)

IPOMOEA:
- Cylas formicarius elegantulus (Insect)
- Omphisa anastomosalis "

IRIS:
- Ditylenchus destructor (5x) (Nematode)
- Ditylenchus dipsaci "

JUGLANS:
- Tetramorium caespitum (Insect)

JUNIPERUS:
- Globodera tabacum (3x) (Nematode)

LABURNUM:
- Cytospora sp. (Fungus)

HOST (or carrier) OF INTERCEPTED PEST

LACTUCA:
- Thrips angusticeps (Insect)

LAURUS:
- Apion sp. (Insect)

LEEA:
- Helicotylenchus dihystera (Nematode)

LEGUMINOSEAE (seeds):
- Callosobruchus maculatus (Insect)

LIGUSTRUYM:
- Meloidogyne sp. (Nematode)

LUMBRICIDAE (as such):
- Eisenia foetida (Earthworm)

LYCOPERSICON:
- Meloidogyne incognita (Nematode)
- Meloidogyne javanica (2x) "

LYSIMACHIA:
- Heterodera trifolii (Nematode)

MACHINERY (used):
- Blatta orientalis (Insect)
- Heterodera ? cajani (Nematode)
- Pyrogocorypha sp. (Insect)

MALUS:
- apple chlorotic leafspot virus (11X) (Virus)
- Apple spy Epinasty and Decline virus "
- Apple stem pitting virus "
- Brown line virus (5x) "
- Globodera tabacum (Nematode)
- Helicotylenchus apiculus "
- Leucoptera scitella (2x) (Insect)
- Macroposthonia xenoplax (Nematode)
- Meloidogyne incognita "
- Meloidogyne javanica "
- Meloidogyne sp. "
- Pratylenchus penetrans "

MARANTHA:
- Heterodera schachtii (Nematode)

MENTHA:
- Globodera rostochiensis (Nematode)
- Globodera sp. "
- Heterodera avenae "
- Heterodera cruciferae "
- Heterodera iri "

MISCELLANEOUS (elephant tusk):
- Blatta orientalis (Insect)

MONSTERA:
- Deroceras laeve (Insect)

MYRISTICA:
- Stephanoderes hampei (Insect)

HOST (or carrier) OF INTERCEPTED PEST

NARDOSTACHYS:	
Callobruchus analis	(Insect)
Caryedon serratus	"
NERIUM:	
Phenocaspis cockerelli	(Insect)
Wasmannia auropunctata	"
OLEA:	
Dacus olea (3x)	(Insect)
Phloeotribus scarabaeoides	"
PACKING MATERIAL:	
Cytilus varius	(Insect)
Onthophagus gazella	"
PALMACEAE:	
Ischnaspis longirostris	(Insect)
PELARGONIUM:	
Heterodera fici	(Nematode)
Leptoglosus phyllopus	(Insect)
PETROSELIUM:	
Heterodera schachtii	(Nematode)
Heterodera trifolii	"
PICEA:	
Globodera tabacum	(Nematode)
Heterodera trifolii	"
PELLAEA:	
Saissetia oleae	(Insect)
PHASEOLUS:	
Bruchus rufimanus (2x)	(Insect)
Callobruchus chinensis (3x)	"
Callobruchus maculatus	"
Etiella zinckenella	"
PHILODENDRON:	
Veronicella floridana	(Mollusca)
PIMENTA:	
Heterodera sp.	(Nematode)
Heterodera trifolii	"
PINUS:	
Arion ater	(Mollusca)
Laspeyresia piperana	(Insect)
Nuculaspis californicus	"
Phenacaspis pinifoliae	"
Phomopsis sp.	(Insect)
PLANTS (dried):	
Minthea rugicollis	(Insect)
PLANTS (herbaceous):	
Bradybaena similaris (2x)	(Mollusca)
Crematogaster ashmeadi	(Insect)
Crossonema sp. n.sp.	(Nematode)
Ctenicera sjaelandica	(Insect)
Globodera rostochiensis	(Nematode)
Helicotylenchus stylocercus	"
Heterodera cruciferae	"
Heterodera trifolii	"
Nothocriconema sp. n.sp.	"
Spodoptera ornithogalli	(Insect)
Veronicella floridana	(Mollusca)

HOST (or carrier) OF INTERCEPTED PEST

PLANTS (woody):	
Heterodera trifolii	(Nematode)
Plannococcus citri	(Insect)
PLUMERIA:	
Coleosporium plumeriae	(Fungus)
PODOCARPUS:	
Ceroplastes floridensis	(Insect)
POLYPODIACEAE:	
Heterodera schachtii	(Nematode)
Heterodera trifolii	"
Plannococcus citri	(Insect)
POTENTILLA:	
Aphelenchoides parietinus	(Nematode)
Globodera rostochiensis	"
PRUNUS:	
Prunus necrotic ringspot virus (6X)	(Virus)
PYRUS:	
Pear vein yellows virus	(Virus)
QUERCUS:	
Curculio elephas	(Insect)
ROSA:	
Arion fasciatus	(Mollusca)
Heterodera avenae (2x)	(Nematode)
Meloidogyne hapla (4x)	"
Punctodera punctata	"
ROSAMARINUS:	
Euponera solitaria	(Insect)
Saissetia oleae	"
Sterrha inquinata	"
RUBUS:	
Diastrophus radicum	(Insect)
SAINTPAULIA:	
Plannococcus citri	(Insect)
SANSEVIERIA:	
Colletotrichum gloeosporioides	(Fungus)
Wasmannia auropunctata	(Insect)
SCHEFFLERA:	
Bradybaena similaris (2x)	(Mollusca)
Colletotrilchum gloeosporioides	(Fungus)
Cyclocephala immaculata	(Insect)
Prodenia ornithogalli	"
SEQUOIA:	
Polycaon stouti	(Insect)
SHIP:	
Trogoderma granarium (2x)	(Insect)
SNAILS (as such):	
Helix aspersa (2x)	(Mollusca)
Otala lactea (3x)	"
Otala vermiculata (3x)	"

HOST (or carrier) OF INTERCEPTED PEST

SOIL:
- Helicotylenchus sp. (Nematode)
- Heterodera avenae "
- Heterodera latipons "
- Sterrha inquinata (Insect)
- Tetramorium caespitum "

SOLANUM:
- Heterodera humuli (Nematode)
- Heterodera schachtii "

SORGHUM:
- Sitotroga cerealella (Insect)

SPIRAEA:
- Globodera rostochiensis (Nematode)

TAXUS:
- Globodera tabacum (Nematode)

THYMUS:
- Heterodera cruciferae (Nematode)
- Heterodera galeopsidis "
- Heterodera trifolii "

TRIFOLIUM:
- Globodera rostochiensis (Nematode)

TRITICUM:
- Acedes pallescentella (Insect)

TRUFFLES:
- Heterodera bifenestra (Nematode)

TULIPA:
- Globodera sp. (Nematode)
- Heterodera avenae "
- Punctodera punctata "

VIBERNUM:
- Heterodera avenae (Nematode)

VICIA:
- Bruchus rufimanus (Insect)

VITIS:
- Grapevine Fanleaf virus (58x) (Virus)
- Grapevine Fleck virus (21x) "
- Grapevine Leafroll virus (10x) "
- Heterodera humuli (Nematode)
- Pratylenchus sp. "

WOOD:
- Dinoderus brevis (Insect)
- Heterobostrychus aequalis (2x) "
- Sinoxylon anale (2x) "
- Sinoxylon conigerum (3x) "

YUCCA:
- Coniothyrium concentricum (Fungus)
- Gymnopileus sp. "
- Phyllosticta sp. "

ZEA:
- Heliothis zea (2x) (Insect)
- Sitotroga cerealella (2x) "

ZINGIBER:
- Aspidiella hartii (Insect)
- Crematogaster ashmeadi "
- Plannococcus citri "

COUNTRIES OF ORIGIN OF PESTS INTERCEPTED

AFRICA:
- *Heterobostrychus aequalis* (Insect)

AFRICA (central):
- *Crematogaster ashmeadi* (Insect)

AFRICA (south):
- *Cryptophlebia leucotreta* (Insect)

ANTIGUA:
- *Plannococcus citri* (Insect)

ASIA:
- *Dinoderus bifoveolatus* (Insect)

BARBADOS:
- *Wasmannia auropunctata* (2x) (Insect)

BELGIUM:
- *Heterodera cruciferae* (Nematode)
- *Heterodera galeopsides* "

CHINA (mainland):
- *Acedes pallescentella* (Insect)

COSTA RICA:
- *Crossonema* sp. n. sp. (Nematode)
- *Helicotylenchus stylocercus* "
- *Nothocriconema* sp. n. sp. "

CUBA:
- *Trogoderma granarium* (Insect)

CZECHOSLAVAKIA:
- *Heterodera avenae* (Nematode)

DENMARK:
- *Criconemoides* sp. (Nematode)
- Prunus necrotic ringspot virus (Virus)
- *Rotylenchus* sp. (Nematode)

DOMINICAN REPUBLIC:
- *Tetramorium guineense* (Insect)

ECUADOR:
- *Heliothis zea* (Insect)

ENGLAND:
- *Aphelenchoides parietinus* (Nematode)
- *Aphelenchoides* sp. "
- *Globodera rostochiensis* "
- *Globodera* sp. "
- *Heterodera avenae* "
- *Heterodera cruciferae* (2x) "
- *Heterodera fici* "
- *Heterodera iri* "
- *Heterodera* sp. "
- *Pestalotia guepini* "

EGYPT:
- *Rhyzopertha dominica* (Insect)

EUROPE:
- *Globodera rostochiensis* (Nematode)

FIJI:
- *Aspidiella hartii* (Insect)
- *Blatta orientalis* "

COUNTRIES OF ORIGIN OF PESTS INTERCEPTED

FRANCE:

Grapevine Fanleaf virus (31x)	(Virus)
Grapevine Fleck virus (10x)	"
Grapevine Leafroll virus (5x)	"
Heterodera bifenestra (2x)	(Nematode)
Heterodera schachii	"
Meloidogyne hapla	"
Noctuidae	(Insect)
Pratylenchus sp.	(Nematode)
Prunus necrotic ringspot virus (2x)	(Virus)

GERMANY:

Helicotylenchus sp.	(Nematode)
Helix aspersa	(Mollusc)

GREECE:

Callosobruchus chinensis	(Insect)
Helix aspersa (7x)	(Mollusc)
Helix pomatia	"
Heterodera latipons	(Nematode)
Laspeyresia splendana	(Insect)
Otala lactea	(Mollusc)
Otala vermiculata (4x)	(Mollusc)
Potosia cuprea	(Insect)
Stephanoderes hampei	(Insect)
Theba pisana	(Mollusc)
Thrips angusticeps	(Insect)

GUADELOUPE:

Crematogaster ashmeadi	(Insect)
Unaspis citri	"
Wasmannia auropunctata	"

HAITI:

Dinoderus brevis	(Insect)

HONG KONG:

Anomala antigua	(Insect)
Heterobostrychus aequalis	"
Minthea rugicollis	"
Sinoxylon conigerum	"

INDIA:

Blatta orientalis (2x)	(Insect)
Callosobruchus analis	"
Callosobruchus maculatus	"
Caryedon serratus	"
Globodera rostochiensis	(Nematode)
Heterodera sp. ? cajani	"
Heterodera sp. (2x)	"
Onthophagus gazella	(Insect)
Pryogocorypha sp.	"
Sinoxylon anale	"
Sinoxylon conigerum	"

INDONESIA:

Etiella zinckenella	(Insect)

IRELAND:

Globodera rostochiensis	(Nematode)

ISRAEL:

Tetramorium caespitum	(Insect)

COUNTRIES OF ORIGIN OF PESTS INTERCEPTED

ITALY:

Aphelenchoides sp.	(Nematode)
Bruchus rufimanus	(Insect)
Cadra figulilella	"
Callosobruchus chinensis	"
Dacus oleae (3x)	"
Euponera solitaria	"
Helix aperta	(Mollusc)
Helix aspersa	"
Heterodera fici (3x)	(Nematode)
Heterodera humuli (2x)	"
Heterodera schachtii (2x)	"
Heterodera trifolii (3x)	"
Leucoptera scitella (2x)	"
Otala vermiculata	(Mollusc)
Parmena balteatus	(Insect)
Phenacaspis cockerelli	"
Plannococcus citri (2x)	"
Saissetia oleae	"
Sitotrogra cerealella	"
Sterrha inquinata	"
Tetramorium caespitum	"
Theba pisana	(Mollusca)

JAMAICA:

Ancylostomia stercorea (2x)	(Insect)
Cylas formicarius elegantulus	"
Helicotylenchus sp.	(Nematode)
Heliothis virescens	(Insect)
Heliothis zea (2x)	"
Hymenia recurvalis (8x)	"
Maruca testulalis	"
Omphisa anastomosalis	"
Pachyzancla bipunctalis	"
Spodoptera exigua	"
Trichoplusia ni (2x)	"

JAPAN:

Aspidictus cryptomeriae	(Insect)
Callosobruchus chinensis	"
Eisenia foetida	"
Globodera sp.	(Nematode)
Helicotylenchus apiculus	"
Heterodera cacti	"
Heterodera humuli	"
Heterodera trifolii	"
Heterodera sp.	"
Macroposthonia xenoplax	"
Meloidogyne incognita	"
Meloidogyne javanica	"
Meloidogyne sp.	"
Ostrinia nubilalis	(Insect)
Pratylenchus penetrans	(Nematode)

MARTINIQUE:

Wasmannia auropunctata	(Insect)

MEXICO:

Trogoxylon praeustum (3x)	(Insect)
Trogoxylon prostomoides	"

MOROCCO:

Heterodera avenae	(Nematode)
Heterodera ? goettingiana	"
Otala lactea (4x)	(Mollusc)
Sitotroga cerealella	(Insect)

NETHERLANDS:

Apple chlorotic leafspot virus	(Virus)
Arion ater	(Mollusc)
Arion fasciatus	"
Coniothyrium concentricum	(Fungus)
Ctenicera sjaelandica	(Insect)

COUNTRIES OF ORIGIN OF PESTS INTERCEPTED

NETHERLANDS (cont'd);

Cytilus varius	(Insect)
Cytospora sp.	(Fungus)
Fusarium sp.	"
Globodera rostochiensis (2x)	(Nematode)
Globodera sp.	"
Heterodera avenae (4x)	"
Heterodera humuli	"
Heterodera schachii (group)	"
Meloidogyne hapla	"
Phloeotribus scarabaeoides	(Insect)
Punctodera punctata	(Nematode)
Rotylenchus sp.	"

NIGERIA:

Plannococcus citri	(Insect)
Sitotroga cerealella	"

PAKISTAN:

Sinoxylon anale	(Insect)

POLAND:

Heterodera fici	(Nematode)

PORTUGAL:

Apion sp.	(Insect)
Helix aspersa	(Mollusc)
Heterodera schachtii (5x)	(Nematode)
Heterodera trifolii (5x)	"
Heterodera sp. (3x)	"
Iridomyrmex humilis	(Insect)
Laspeyresia splendana	"
Noctuidae	"
Otala lactea (2x)	(Mollusc)
Plannococcus citri	(Insect)
Theba pisana	(Mollusc)

SCOTLAND:

Puccinia coronata	(Fungus)

SWEDEN:

Apple chlorotic leafspot virus	(Virus)

SWITZERLAND:

Plannococcus citri	(Insect)

THAILAND:

Bruchus rufimanis	(Insect)
Callosobruchus maculatus	"

TRINIDAD:

Ancylostomia stercorea	(Insect)

TUNISIA:

Otala vermiculata (3x)	(Mollusc)

TURKEY:

Helicotylenchus sp.	(Nematode)
Heterodera trifolii	"
Heterodera sp.	"

UNITED KINGDOM:

Iridomyrmex humilis	(Insect)

UNITED STATES (by State):

ARIZONA:

Nelitora dentata	(Insect)

CALIFORNIA:

Ceroplastes cirripediformis	(Insect)
Helix aspersa	(Mollusc)
Laspeyresia piperana	(Insect)

COUNTRIES OF ORIGIN OF PESTS INTERCEPTED

CALIFORNIA (cont'd):

Nuculaspis californicus	(Insect)
Polycaon stouti (2x)	"
Saissetia oleae	"
Spodoptera ornithogalli	"
Tapinoma sessile	"
Thyridopteryx ephermeraeformis	"
Xanthomonas hederae	(Bacteria)

CONNECTICUT:

Globodera tabacum	(Nematode)
Globodera sp.	"
Xanthomonas hederae	(Bacteria)

FLORIDA:

Anthonomus eugenii	(Insect)
Bradybaena similaris (12x)	(Mollusc)
Canysonotus tortuganus	(Insect)
Ceroplastes cirripediformis	"
Ceroplastes floridensis	"
Chrysomphalus aonidum (2x)	"
Chrysomphalus dictyosperm	"
Coleosporium plumeriae	(Fungus)
Colletotrichum gloeosporioides (5x)	(Fungus)
Coniothyrium concentricum	"
Cyclocephala immaculata	(Insect)
Deroceras laeve (2x)	"
Diaspis boisduvalii	"
Guignardia philoprina	(Fungus)
Gymnopilus sp. close to peliolepis	
Heliothis zea	(Insect)
Ischnaspis longirostris	"
Lecanium corni (2x)	"

FLORIDA (cont'd):

Leptoglossus phyllopus	(Insect)
Meloidogyne incognita	(Nematode)
Phyllosticta sp. (2x)	(Fungus)
Pinnaspis strachani (3x)	(Insect)
Plannococcus citri (2x)	"
Prodenia ornithogalli	"
Saissetia oleae (2x)	"
Sibine stimulae (2x)	"
Spodoptera exigua	"
Thyridopteryx ephemeraeformis (2x)	"
Veronicella floridana (2x)	(Mollusc)
Xanthomonas hederae	(Bacteria)

GEORGIA:

Meloidogyne incognita	(Nematode)

HAWAII:

Helicotylenchus dihystera	(Nematode)
Helicotylenchus exallus	"
Helicotylenchus sp.	"
Nothocriconema spinicaudatum	"
Pratylenchus brachyurus	"

MICHIGAN:

Ditylenchus destructor	(Nematode)
Ditylenchus dipsaci	"

MISSISSIPPI:

Heterodera trifolii	(Nematode)

MISSOURI:

Diastrophus radicum	(Insect)

COUNTRIES OF ORIGIN OF PESTS INTERCEPTED

NEW JERSEY:
- *Hemicycliophora* sp. n. sp. (Nematode)

NEW YORK:
- *Heterodera trifolii* (Nematode)
- *Phenacaspis pinifoliae* (Insect)

NORTH CAROLINA:
- *Pseudaonidia paeoniae* (Insect)

OREGON:
- *Anguina agrostis* (Nematode)
- *Zootermopsis angusticollis* (Insect)

PENNSYLVANIA:
- *Heterodera trifolii* (Nematode)

SOUTH CAROLINA:
- *Meloidogyne incognita* (Nematode)

TENNESSEE:
- *Meloidogyne* sp. (Nematode)

VIRGINIA:
- *Heterodera cruciferae* (Nematode)
- *Heterodera* sp. "

WASHINGTON:
- *Ditylenchus destructor* (Nematode)
- *Heliothis zea* (Insect)

UNITED STATES (? State):
- Apple chlorotic leafspot virus (9x) (Virus)
- Apple spy Epinasty & decline virus "
- Apple stem pitting virus "
- Brown line virus (5x) "
- Grapevine fanleaf virus (21x) "
- Grapevine fleck virus (8x) "
- Grapevine leafroll virus (4x) "
- Pear vein yellows virus (2x) "
- Prunus necrotic ringspot virus "

UNKNOWN: (Country)
- *Acedes pallescentella* (12x) (Insect)
- *Anobium puntatum* "
- *Araecerus levipennis* "
- *Corcyra cephalonica* "
- *Polyphylla perversa* "
- *Rhizopertha dominica* (19x) "
- *Sitotroga cerealla* "
- *Sterrha inquinata* "
- *Trogoderma granarium* "

WEST GERMANY:
- Grapevine fanleaf virus (6x) (Virus)
- Grapevine fleck virus (3x) "
- Grapevine leafroll virus "
- Prunus necrotic ringspot virus "

YUGOSLAVIA:
- *Curculio elephas* (Insect)
- Prunus necrotic ringspot virus (Virus)